

AMENDMENTS TO THE CLAIMS

Claim 1. (Currently Amended)

An image sensing system comprising:

an image sensing unit for sensing an image of a subject and outputting image data representing the image of the subject;

a volatile memory for temporarily storing the image data output from said image sensing unit;

a first display controller for controlling a display unit in such a manner that the image of the subject represented by the image data that has been stored in said volatile memory is displayed on a display screen;

a zoom-area designating unit for designating a zoom area in the image of the subject being displayed on the display screen; and

a recording controller for recording, on a recording medium, image data, which is contained in the image data output from said image sensing device, representing an image within the area designated by said zoom-area designating unit, wherein said recording controller records image data without interpolation processing; and

an image sensing control unit for controlling said image sensing unit so as to output image data representing an image within an area which is smaller than a frame of image represented by the image data outputted from said image sensing unit, and which area is bigger than the zoom area designated by said zoom-area designating unit.

Claim 2. (Original)

The system according to claim 1, further comprising a second display controller for controlling said display unit in such a manner that an image within the zoom area designated by said zoom-area designating unit is displayed on the display screen as an image of one frame.

Claim 3. (Original)

The system according to claim 2, further comprising a zoom unit for applying zoom processing to image data representing the image within the zoom area designated by said zoom-area designating unit;

wherein said second display control unit controls said display unit in such a manner that a zoom image represented by the image data to which zoom processing has been applied by said zoom unit is displayed on the display screen as an image of one frame.

Claim 4. (Original)

The system according to claim 3, further comprising:

a brightness determination unit for determining whether the image within the zoom area designated by said zoom-area designating unit has suitable brightness; and

a brightness adjustment unit, responsive to a determination by said brightness determination unit that the image within the zoom area does not have suitable brightness, for adjusting luminance level of the image within the zoom area in such a manner that the image within the zoom area takes on a suitable brightness.

Claim 5. (Canceled)

Claim 6. (Canceled)

Claim 7. (Currently Amended)

A method of controlling operation of an image sensing system, comprising the steps of:

sensing the image of a subject and obtaining image data representing the image of the subject;

temporarily storing the obtained image data in a volatile memory;

displaying the image of the subject, which is represented by the image data that has been stored in the volatile memory, on a display screen of a display unit;

designating a zoom area in the image of the subject being displayed on the display screen; and

recording, on a recording medium, image data, which is contained in the image data obtained by image sensing, representing an image within the designated area, wherein said recording records image data without interpolation

processing; and

an image sensing control unit for controlling said image sensing unit so as to output image data representing an image within an area which is smaller than a frame of image represented by the image data outputted from said image sensing unit, and which area is bigger than the zoom area designated by said zoom-area designating unit.

Claim 8. (Canceled)

Claim 9. (Canceled)